

WEST Search History

DATE: Wednesday, April 02, 2003

| <u>Set Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|----------------------------------|---|------------------|-----------------|
| side by side | | | result set |
| <i>DB=USPT; PLUR=YES; OP=ADJ</i> | | | |
| L12 | (i015036 or pta-3225) and (corn or maize) | 0 | L12 |
| L11 | l9 and pta-3225 | 0 | L11 |
| L10 | L9 and i015036 | 0 | L10 |
| L9 | L8 and l6 and l4 and l2 | 13 | L9 |
| L8 | L7 and (corn or maize) | 64 | L8 |
| L7 | row direction adj5 straight | 70 | L7 |
| L6 | L5 and (corn or maize) | 60 | L6 |
| L5 | silk color adj5 green-yellow | 60 | L5 |
| L4 | L3 and (maize or corn) | 421 | L4 |
| L3 | glume color adj5 green | 421 | L3 |
| L2 | L1 and (maize or corn) | 103 | L2 |
| L1 | anther color adj5 pink | 120 | L1 |

END OF SEARCH HISTORY

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TERMINAL (ENTER 1, 2, 3, OR ?) :2

NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 47 Feb 26 PCTFULL now contains images
NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

| | |
|--------------|---|
| NEWS EXPRESS | January 6 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002 |
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS INTER | General Internet Information |
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FILE 'HOME' ENTERED AT 11:38:18 ON 02 APR 2003

FILE 'AGRICOLA' ENTERED AT 11:38:24 ON 02 APR 2003

FILE 'CAPLUS' ENTERED AT 11:38:24 ON 02 APR 2003
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=> s anther color (10w) pinke
L1 O ANTHE COLOR (10W) PINKE

=> s glume color (10w) green
L2 1 GLUME COLOR (10W) GREEN

$\Rightarrow d_{ti}$

L2 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Comparisons of some agronomic traits between leaf color near-isogenic
lines in rice

=> s sheath pubescence (10w) moderate

L3 0 SHEATH PUBESCENCE (10W) MODERATE

=> s internode direction (10w) straight

L4 0 INTERNODE DIRECTION (10W) STRAIGHT

=> s (corn or maize) and cap

L5 750 (CORN OR MAIZE) AND CAP

=> s 18 and orange

L8 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (>).

=> s 15 and orange

L6 3 L5 AND ORANGE

=> d 1-3 ti

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS

TI The occurrence of phthalate ester and di-2-ethylhexyl adipate plasticizers in Canadian packaging and food sampled in 1985-1989: a survey

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

TI Some problems in citrus products research

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

TI The zinc content of the chief vegetable foods

=> d 1-3 ab

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS

AB Selected foods (260 samples) packaged in materials with the potential to contribute plasticizers to the food, and available food composites (98 samples) obtained from the Canadian Health Protection Branch Total Diet Program, were analyzed for phthalate plasticizers and di-2-ethylhexyl adipate (DEHA). The available contacting packaging was also analyzed for plasticizers. The results show DEHA in food-contacting film and as a migrant in store-wrapped meat, poultry, fish, cheese and ready-to eat foods at levels as high as 310 .mu.g/g (cheese). DEHA levels in unheated film-wrapped ready-to-eat foods were increased by heating. The di-2-ethylhexyl, di-Bu, butylbenzyl and di-Et phthalate esters (DEHP, DBP, BBP and DEP, resp.) were also found in both the packaging and the contacted foods. Low levels of DEHP (0.065 .mu.g/g, av. in beverages and 0.29 .mu.g/g, av. in foods) assocd. with the use of DEHP-plasticized cap or lid seals, were found in a variety of glass-packaged foods; DBP, BBP and DEHP were found, as previously described, in butter and margarine as migrants from the aluminum foil-paper laminates; and DEP in pies at 1.8 .mu.g/g (av.) as a migrant from the pie carton windows. In most cases, plasticizers detected in the food were also found in the assocd. packaging. When possible, 'core' or non-contacting food portions were analyzed to verify the migration phenomena.

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

AB After storage for 9 months at 40.degree.F., properly deaerated flash-pasteurized **orange** juice from sound fruit possessed a taste and aroma not greatly different from that of fresh juice. Storage of flash-pasteurized juice at 90-100F. caused an increase in reducing sugars, a corresponding decrease in nonreducing sugars and a slight increase in H-ion concn. **Orange** juice could not be successfully packed by exhausting, closing and sterilizing in the same manner that grapefruit juice is now commercially processed. Deaerated flash-pasteurized **orange** and grapefruit juice, packed in glass, darkened when stored at approx. 90.degree.F. regardless of whether the

caps were lacquered, Sn or Al, but darkening was not so great in the presence of Sn as in the presence of Al; darkening did not occur at 40.degree.F. irrespective of the compn. of the cap and there was no consistent relation between darkening and deterioration in flavor. Orange hearts could not be prep'd. by lye peeling. When they were band-peeled, packed in vacuum (27-8 in.) and subsequently sterilized at 165.degree.F. for 35 min., the hearts became leathery after a short time. A method of producing an orange concentrate (6 to 1), which, when fortified with orange oil and dild. to its original strength, yields a product not unlike fresh juice, is described; syneresis is liable to occur in such concentrates. Grapefruit-seed oil was rendered palatable by treatment with NaOH and charcoal. A product solid at room temp. was obtained by hydrogenating the oil in the presence of a catalyst. Bubbling air through the oil at elevated temps. increased the viscosity and the drying properties. When it was treated with S chloride, the oil yielded a rubber substitute, similar to that obtained with cottonseed and corn oils.

- L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
AB cf. C. A. 23, 1696. Zn was detd. in a large no. of food products on 200-1500-g. samples by the Ca zincate method (cf. B., Compt. rend. 115, 939, 1028(1892); B. and Javillier, Bull. soc. chim. [4], 1, 63 (1906); B. and Mokragnatz, C. A. 18, 363). With coconut "milk" only 82 g. was available, and no Zn was detected. The following results were obtained, expressed in mg. per kg. on the fresh material, on the dry basis and on the ash, resp.: whole mushrooms (Agar camp. I.) 28, 44.4, 308; whole esculent boletus (Bolet. edl. Fr.) 5.1, 36.9, 369; whole edible agaric (Canth. cib. Fr.) 12.4, 42.6, 711; agar-agar (Gelid and Grac.) 6.0, 7.7, 174; kernel of Pinus pinea 55.5, 59.3, 1329; whole oat seed (Aven. sat. L.) 19.5, 22.0, 542; oat straw-, 4.3, 54; whole wheat seed (Trit. sat. Lamk.) 16.0, 18.7, 854; wheat straw-, 21.8, 387; wheat bran 32.4, 38.0, 659; whole corn seed (Zea mays L.) 18.0, 20.4, 1385; whole millet seed (Panic. mil. L.) 17.0, 19.6, 810; whole barley seed (Hord. vulg. L.) 18.0, 21.2, 727; polished rice seed (Oryza sat. L.) 2.5, 2.9, 769; rice bran 30.0, 33.3, 160; whole rye seed (Secal. cer. L.) 12.0, 13.5, 716; rye straw- 25.5, 405; whole sorghum seed (Sorg. vulg. Pers.) 12.0, 13.8, 429; whole canary-grass seed 13.0, 15.0, 256; dry gramineous hay-, 24.0, 323; stone-free dates (Phoen. dact. L.) 3.4, 4.3, 94; solid coconut endosperm (Cocc. nuc. L.) 10.0, 17.2, 1053; garlic bulbs (All. sat. L.) 10.0, 31.7, 734; fresh asparagus sprouts (Asp. off. L.) 3.2, 51.6, 582; onion bulbs (All. cepa. L.) 13.8, 100.0, 1915; root-free leeks (All porr. L.) 2.3, 23.8, 235; pineapple fruit (An. vulg. Lind.) 2.6, 19.7, 353; edible portion of bananas (Musa parad. L.) 2.8, 9.0, 193; hazelnut kernel with tegument (Coryl. avell. L.) 10.0, 10.3, 400; hazelnut shells 2.9, 3.2, 266; chestnut kernels (Cast. sat. Scop.) 1.9, 4.1, 170; nut kernels with tegument (Jugl. reg. L.) 20.0, 24.2, 1259; whole fresh violet figs (Pic. car. L.) 1.2, 8.5, 203; whole dried Smyrna figs 3.6, 5.5, 164; whole hemp-seed 82.8, 90.3, 1280; whole sorrel leaves (Rum. acetosa L.) 2.2, 27.7, 240; rhubarb limbs (Rheum hyb. Moench) 2.4, 22.2, 127; rhubarb leafstalks 1.6, 19.6, 114; whole buckwheat seed (Polyg. fag. L.) 10.0, 11.8, 571; beet leafstalks (Beta vulg. L.) 0.2, 3.6, 16; red beet roots 9.3, 68.9, 712; fodder beet roots 3.3, 24.9, 283; whole spinach leaves (Spinac. oler. L.) 6.2, 120.7, 360; "crosne" tubers (Stachys tuberifera Maud.) 3.2, 14.7, 252; eggplant (Solan. escul. Dan.) 2.8, 37.8, 549; new potato tubers (Solan. tub. L.) 2.0, 11.3, 286; full-grown red potato tubers 4.0, 13.7, 420; com. potato starch 1.0, 1.2, 444; whole tomato fruit (Lycop. esc. Dun.) 2.4, 66.6, 511; sweet potato tubers (Conv. bat. L.) 2.3, 5.1, 186; withered aerial portion of endive chicory (Cichor. end. L.) 0.4, 7.5, 76; green aerial portion of chicory (Cicher. end. L.) 1.9, 22.4, 134; aerial portion of cabbage-lettuce (Lact. sat. L.) 4.7, 105.2, 500; aerial portion of Roman lettuce (Lact. sat. L.) 1.8, 41.9, 316; aerial portions of dandelion (Tarax. off. Wigg.) 9.7, 35.4, 212; salsify root (Trag. porr. L.) 2.2, 18.8, 576; whole sunflower seed (Heliant. ann. L.) 17.0, 11.4, 215 (there is evidently a misprint, as the

Zn content given for the fresh plant is higher than that on the dry basis); whole Jerusalem artichoke tubers (*Helianthus tuberosus* L.) 2.8, 101.0, 400; aerial portions of lamb's lettuce (*Valerianella locusta* L.) 5.4, 74.7, 344; carrot root (*Daucus carota* L.) 1.1, 9.7, 133; carrot leaves 4.0, 25.6, 169; whole celery tubers (*Apoium graveolens* L.) 2.1, 16.1, 214; whole red currants (*Ribes rubrum* L.) 2.0, 13.9, 233; whole gooseberries (*Ribes uva-crispa* L.) 1.0, 8.1, 130; whole cucumber fruit (*Cucumis sativus* L.) 1.6, 43.6, 337; edible portion of melon (*Cucumis melo* L.) 0.9, 16.2, 183; edible portion of pumpkin (*Cucurbita maxima* L.) 2.1, 44.4, 438; inner portion of pomegranate (*Punica granatum* L.) 2.5, 11.9, 410; fleshy pericarp of apricots (*Armeniaca vulgaris* L.) 0.4, 3.3, 46; whole fresh almonds (*Prunus amygdalus* L.) 10.0, 69.6, 842; fresh almond pericarp 3.8, 11.4, 344; dried almond kernels 18.5, 21.5, 724; tegument of dried almonds 23.7, 73.6, 1296; dried almond shells 4.2, 5.0, 188; fleshy cherry pericarp (*Prunus cerasus* L.) 1.5, 5.6, 205; strawberries (*Fragaria ananassa* L.) 0.9, 4.4, 131; whole medlar fruits (*Cydonia oblonga* Pers.) 1.9, 7.3, 270; fleshy pericarp of peaches (*Persica persica* Mill.) 0.2, 2.0, 36; edible portion of russet apples (*Malus communis* Poir.) 0.4, 2.9, 98; edible portion of another variety of apples (not specified) 1.6, 9.2, 632; edible portion of pears (*Pyrus communis* L.) 1.6, 9.2, 432; fleshy pericarp of plums (*Prunus domestica* L.) 0.3, 2.0, 62; whole peanut seeds (*Arachis hypogaea* L.) 16.0, 16.8, 780; seedless carob (*Ceratonia siliqua* L.) 6.9, 7.9, 161; whole kidney-bean seeds (*Phaseolus vulgaris* L.) 52.5, 56.4, 1500; whole, young green bean pods (*Phaseolus vulgaris* sp. ?) 0.8, 8.3, 96; whole lentil seeds (*Lens culinaris* L.) 24.5, 28.0, 1140; aerial portions of lucern (*Medicago sativa* L.) 4.0, 14.2, 160; whole pea seeds (*Pisum sativum* L.) 44.5, 48.5, 1620; whole soy seeds (*Glycine max*, Moenen) 20.0, 22.6, 615; whole yetch seeds (*Vicia sativa* L.) 23.0, 26.7, 754; whole white grapes (*Vitis vinifera* L.) 2.0, 12.9, 444; whole black grapes 1.2, 9.1, 240; almost seedless dry Malaga grapes 2.0, 2.5, 88; juice from lemon slices (*Citrus limon* Risso) 1.7, 24.0, 594; pressed lemon peel and residue 3.3, 22.7, 455; seedless mandarin slices (*Citrus aurantium* Risso) 0.8, 7.5, 176; mandarin peel 3.9, 17.5, 323; seedless orange slices (*Citrus aurantium* Risso) 1.7, 12.3, 296; orange peel 5.4, 20.2, 424; whole flax seed (*Linum usitatissimum* L.) 19.0, 30.0, 531; whole white-headed cabbage (*Brassica oleracea* var. *capitata* D. C.) 1.6, 21.2, 176; white edible portion of cauliflower 2.3, 25.4, 295; cress stems and leaves (*Apium nodifolium* R. Br.) 5.6, 83.7, 560; turnip root (*Brassica rapa*, esc. D. C.) 0.8, 18.2, 118; turnip leaves 2.1, 33.3, 154; pink radish roots (*Raphanus sativus* L.) 1.6, 22.6, 108; pink radish leaves 4.5, 71.7, 280; Swedish turnip root (*Brassica napus* L.) 3.0, 28.8, 333. Also in *Bull. soc. chim.* 45, 168-75 (1929).

=> d 1-3 so

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
SO Food Additives and Contaminants (1995), 12(1), 129-51
CODEN: FACOEB; ISSN: 0265-203X

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
SO Proc. Fla. State Hort. Soc. (1933) 88-43

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
SO Bull. soc. hyg. aliment. (1928), 16, 457-63

=> s i015036 and (corn or maize)
L7 0 I015036 AND (CORN OR MAIZE)

=> s pta 3225
L8 0 PTA 3225

=> s cob color (10w) red
L9 0 COB COLOR (10W) RED

=> s silk color (10w) green yellow
L10 0 SILK COLOR (10W) GREEN YELLOW